

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S28	650414	(chromium Cr) and (aluminum Al) and (nickel Ni)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:08
S29	71275	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:09
S31	53683	S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:10
S30	5471424	(zirconium Zr) (hafnium Hf) (tantalum Ta) (molybdenum Mo) (tungsten W) (niobium Nb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:10
S27	2876778	(cutter cutting bit blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:10
S34	9531	S33 and hardness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:11
S33	42827	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:11
S32	2019050	(cutter cutting blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:11

## EAST Search History

S39	193	S37 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:12
S38	369	S37 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:12
S41	2	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:15
S40	622278	(cutter cutting).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:15
S36	1035	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:15
S35	927660	(cutter cutting blade).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:15
S42	793	S36 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:16
S37	423	(148/428).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/13 14:27

## EAST Search History

S43	193	S27 and S28 and S30 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:31
S44	45	S43 and (cut cutting cutter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:34
S46	105396	cutting near tool	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:37
S45	17	S43 and (cutting cutter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:37
S47	1	S45 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:38
S50	0	("2126747").URPN.	USPAT	OR	ON	2007/06/13 14:49
S49	0	("2097181").URPN.	USPAT	OR	ON	2007/06/13 14:49
S51	0	("2097179").URPN.	USPAT	OR	ON	2007/06/13 14:50
S48	1867	S28 and S30 and S34 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:58
S53	0	("1203180").URPN.	USPAT	OR	ON	2007/06/13 15:02
S52	11	"1203180"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:05

## EAST Search History

S57	268	S30 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:06
S56	292	S28 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:06
S55	798	S46 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:06
S54	124911	nickel.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 15:06
S1	126	(75/490).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 08:50
S60	60568	S58 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 08:51
S62	609	S61 and hardness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 08:52
S63	8566284	(zirconium Zr Hafnium Hf vanadium V tantalum Ta molybdenum Mo tungsten W niobium Nb titanium Ti iron Fe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 08:53

## EAST Search History

S65	249	S64 not turbine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 08:57
S64	604	S62 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 08:57
S66	28	("3502463"   "3502464"   "3576681"   "3615376"   "3655458"   "3713788"   "3793011").PN. OR ("3916497").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 09:08
S67	3169	S61 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:12
S58	2112261	cutter cutting knife blade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:12
S69	785	S67 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:13
S71	523	S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:14
S70	87829	nickel and chromium and aluminum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:14

## EAST Search History

S59	650592	(nickel Ni) and (chromium Cr) and (aluminum Al)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:14
S73	14451	S70 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:46
S72	1524876	cutter cutting knife cutlery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:46
S68	1522051	cutter cutting knife	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:46
S74	1320	S73 and (superalloy Ni3Al aluminide intermetallic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 09:47
S76	24	("3160500"   "3203792"   "4118223"   "4210447"   "4283234"   "4400211"   "4533414"   "4719080"   "4906437"   "5000914"   "5077141"   "5120614"   "5217684"   "5417918").PN. OR ("5529642").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 09:54
S75	1307	S63 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 10:49
S78	7717	S73 and (oxygen impurity posphorous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:11

## EAST Search History

S77	13	"5529642" and (oxygen impurity posphorous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:11
S79	97	S73 and ((oxygen phosphorous) near impurity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:15
S80	7	(nickel near superalloy) and ((oxygen phosphorous) near impurity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:16
S81	9	(nickel near superalloy) and ((oxygen phosphorous O P) near impurity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 11:19
S82	9	(nickel near superalloy) and ((oxygen phosphorous O P) near (impurities impurity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:13
S84	42252	S59 and S60 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:37
S61	3241	S60 and (superalloy Ni3Al aluminide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:37
S85	7461	S84 and (impurity impurities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:38

## EAST Search History

S83	19	(nickel near superalloy) and ((oxygen phosphorous O P Cu copper sulfur) near (impurities impurity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:54
L4	14451	L2 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:55
L3	1524876	cutter cutting knife cutlery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:55
L2	87829	nickel and chromium and aluminum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:55
L7	60568	L5 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:56
L6	650592	(nickel Ni) and (chromium Cr) and (aluminum Al)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:56
L5	2112261	cutter cutting knife blade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:56
L9	527	L4 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:57



## EAST Search History

L11	176	I10 and (carbon C manganese Mn phosphorous P oxygen O sulfur S copper Cu)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:58
L13	527	L4 and (superalloy Ni3Aluminide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 12:59
L12	176	I10 and (carbon C manganese Mn phosphorous P oxygen O sulfur S copper Cu silicon Si)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:00
L10	176	I9 and (impure impurity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:00
L16	5963	L6 and (superalloy Ni3Aluminide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:03
L8	3241	L7 and (superalloy Ni3Aluminide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:03
L17	1987	I16 and (impure impurity impurities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:04
L15	176	I14 and (carbon C manganese Mn phosphorous P oxygen O sulfur S copper Cu silicon Si)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:04

## EAST Search History

L14	176	I13 and (impure impurity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:04
L18	1978	I17 and (carbon C manganese Mn phosphorous P oxygen O sulfur S copper Cu silicon Si)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:07
L19	1131	I18 and I5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:08
L21	156706	high near purity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:14
L20	242	I18 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:14
L22	484	I21 and superalloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:15
L24	14	("3576681").URPN.	USPAT	OR	ON	2007/06/14 13:38
L25	30	"4400211"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:59
L23	484	I22 and (purity impurity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 13:59

## EAST Search History

L27	248	I26 and (impurity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:01
L28	11	I27 and (phosphorous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:02
L29	76	I27 and (phosphorous P)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:03
L31	7436	nickel and superalloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:04
L26	1116	nickel near superalloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:04
L32	17	I31 and (impurity near (phosphorous P))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:05
L30	1	I27 and (impurity near (phosphorous P))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:05
L34	423	(148/428).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/14 14:51

## EAST Search History

L33	45	I31 and (impurity near (oxygen O))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:51
L35	369	I34 and (nickel Ni) and (chromium Cr) and (aluminum Al)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:53
L36	232	I35 and (cut cutting blade edge cutlery knife bit cutter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 14:55
L39	122	takashi near rokutanda	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:11
L38	126	tomohisa near arai	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:11
L37	104	I35 and (cut cutting edge cutlery knife bit cutter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:11
L41	239	I38 I39 I40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:12
L40	3	tadaharu near kido	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:12

## EAST Search History

L43	15	"664275"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:22
L42	16	I41 and (nickel superalloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/14 15:22